

APPENDIX B — ANNUAL REPORT FORM

Part 1: General Information

Permittee Name: _____

Permit Number: _____ Reporting Period: July 1, _____ - June 30, _____

Name of Stormwater Management Program Contact: _____ Name of Certifying Official (*Refer to permit Section 11.3*): _____

Title: _____

Title: _____

Mailing Address: _____

Mailing Address: _____

City: _____ Zip Code: _____

City: _____ Zip Code: _____

Telephone Number: _____

Telephone Number: _____

Fax Number: _____

Fax Number: _____

Email Address: _____

Email Address: _____

Part 2: Annual Report Certification

The Annual Report Form must be signed and certified by either a principal executive officer or ranking elected official; or by a “duly authorized representative” of that person in accordance with Section 11.3 of the permit.

I certify under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signature of Certifying Official

Date

Part 3: Narrative Summary of Statewide Stormwater Management Program (SSWMP) Activities

Provide a summary of the status of the SSWMP each year, including a brief description of the implementation and progress of every individual best management practice (BMP). Also, provide an explanation of any significant developments or changes to the number or type of activities, the frequency or schedule of activities, or the priorities or procedures for implementation of specific management practices.

The narrative summary must include the following specifics:

- ☐ Include a short statement for each of the following documents indicating if a review was completed. Describe any major updates to each document.
 - *Erosion and Pollution Control Manual;*
 - *Maintenance and Facilities Best Management Practices (BMPs) Manual;*
 - *Stormwater Monitoring Guidance Manual for MS4 Activities;*
 - *Stormwater Monitoring Guidance Manual for Construction Activities;*
 - *Stormwater Monitoring Guidance Manual for Industrial Activities;* and
 - *Post-Construction Stormwater Control BMP Manual.*
- ☐ In the first Annual Report, ADOT shall document that a system to track and record the findings of outfall inspections, including the conditions of outfalls, potential sources of pollutants, and maintenance needs has been implemented and is being maintained (Section 3.2.3.2(e));
- ☐ In the first Annual Report, ADOT shall summarize the status of public access to stormwater documents (Section 3.2.2.3(a));
- ☐ In the first Annual Report, ADOT shall summarize the status of implementation procedures to track actions taken on illicit discharges and illegal dumping (Section 3.2.3.4(d));
- ☐ In the first Annual Report, ADOT shall describe the tracking system used to identify, track and prioritize erosion abatement projects. Summarize erosion abatement projects conducted during each year (Section 3.2.6.2(d)) (*see also* Part 14 of this form);
- ☐ In the first Annual Report, ADOT shall document that a system to track and record spills and other releases by ADOT staff and at ADOT maintenance facilities has been established (Section 4.1.5.2(d));
- ☐ In the first Annual Report, ADOT shall document individually that the SWPPP required for each maintenance facility listed in Section 4.2.1.1 has been updated;
- ☐ In the first Annual Report, ADOT shall document that any areas found to have contaminants that could contribute to stormwater discharges have been remediated at the Wickenburg Maintenance Yard (Section 4.4.3) (*see also* Part 14 of this form);
- ☐ Provide a summary of updates to the Dry Weather Field Screening Portion of the Stormwater Monitoring Guidance Manual for MS4 Activities (Section 3.2.3.2.(c));
- ☐ Provide a list and description of all violations ADOT has determined at construction sites and their resolution, including any enforcement actions taken against ADOT contractors, in accordance with Section 5.3.1 (Section 5.3.4);

- ☐ In the first Annual Report, a brief statement documenting that the SWPPPs for the following facilities were updated and on-site within 90 days of the effective date of the permit: Grand Canyon National Park Airport (Section 6.6.2) and Durango Sign Factory (Section 6.7.2)
 - ☐ Material Source Site Management: provide a map and summary of the status of each site (Section 6.8.3);
 - ☐ In the first Annual Report, present a list of all abandoned material source sites (unreclaimed sites where final stabilization was never completed), accompanied by a four year schedule to reclaim or utilize all Group B sites statewide (Section 6.8.4.1(f)(ii));
 - ☐ In subsequent Annual Reports, describe the progress made toward reclaiming or utilizing Group B sites (Section 6.8.4.1(f)(ii));
- Provide a summary of the findings, deficiencies, and corrections made to each site in the inspection reports on Groups A, B and C material sources (Section 6.8.4.2(a)).

Part 4: Numeric Summary of Stormwater Management Program Activities

Provide a numeric summary of BMPs and activities performed each year. Every year's Annual Report should include the numbers reported in the previous years.

Do not delete any of the existing measures listed in the table. Insert any additional measurable goals of BMP progress in the rows labeled as *Other numeric measurable goal(s)* or *Numeric measurable goal(s)*. Use italic font to clearly identify any additional measurable goals. If no measurable goal has been identified in the table below, the progress of the BMP must be described in Part 3 Narrative Summary of SSWMP Activities.

| Section Number | Stormwater BMP or Activity | Annual Reporting Year (July 1 – June 30) | | | | |
|--|---|--|-----------|-----------|-----------|-----------|
| | | 2008-2009 | 2009-2010 | 2010-2011 | 2011-2012 | 2012-2013 |
| MEASURES TO CONTROL DISCHARGES THROUGH EDUCATION | | | | | | |
| 3.2.2.1(a)(ii)(1) | Train ADOT Employees - Illicit discharges and illegal dumping | | | | | |
| | Number of trainings offered | | | | | |
| | Number of employees trained | | | | | |
| | (Other numeric measurable goal(s)) | | | | | |
| 3.2.2.1(a)(ii)(2) | Train ADOT Employees - Non-stormwater discharges | | | | | |
| | Number of trainings offered | | | | | |
| | Number of employees trained | | | | | |
| | (Other numeric measurable goal(s)) | | | | | |

| Section Number | Stormwater BMP or Activity | Annual Reporting Year (July 1 – June 30) | | | | |
|-------------------|--|--|-----------|-----------|-----------|-----------|
| | | 2008-2009 | 2009-2010 | 2010-2011 | 2011-2012 | 2012-2013 |
| 3.2.2.1(a)(ii)(3) | Train ADOT Employees- New construction and land disturbances | | | | | |
| | Number of trainings offered | | | | | |
| | Number of employees trained | | | | | |
| | (Other numeric measurable goal(s)) | | | | | |
| 3.2.2.1(a)(ii)(4) | Train ADOT Employees - New development and significant redevelopment | | | | | |
| | Number of trainings offered | | | | | |
| | Number of employees trained | | | | | |
| | (Other numeric measurable goal(s)) | | | | | |
| 3.2.2.1(a)(ii)(5) | Train ADOT Employees - Storm sewer system and highway maintenance | | | | | |
| | Number of trainings offered | | | | | |
| | Number of employees trained | | | | | |
| | (Other numeric measurable goal(s)) | | | | | |
| 3.2.2.1(a)(ii)(6) | Train ADOT Employees - Good housekeeping and material BMPs | | | | | |
| | Spill Prevention and Response - Number of trainings offered | | | | | |
| | Spill Prevention and Response - Number of employees trained | | | | | |
| | Pesticides, Herbicides, and Fertilizer Application - Number of trainings offered | | | | | |
| | Pesticides, Herbicides, and Fertilizer Application - Number of employees trained | | | | | |
| | Industrial Sites - Number of trainings offered | | | | | |
| | Industrial Sites - Number of employees trained | | | | | |
| | (Other numeric measurable goal(s)) | | | | | |
| 3.2.2.1(a)(iii) | Develop Stormwater Library | | | | | |
| | Number of times accessed or visited | | | | | |
| | (Other numeric measurable goal(s)) | | | | | |

| Section Number | Stormwater BMP or Activity | Annual Reporting Year (July 1 – June 30) | | | | |
|----------------|---|--|-----------|-----------|-----------|-----------|
| | | 2008-2009 | 2009-2010 | 2010-2011 | 2011-2012 | 2012-2013 |
| 3.2.2.1(b) | ADOT Construction Contractor Training and Certification | | | | | |
| | Number of trainings offered | | | | | |
| | Number of ADOT employees trained/certified | | | | | |
| | (Other numeric measurable goal(s)) | | | | | |
| 3.2.2.2(b)(i) | Distribution of Educational Materials Through Public Places | | | | | |
| | Number of materials (posters, brochures, signs, etc.) distributed | | | | | |
| | Number of public events ADOT attended with displays | | | | | |
| | (Other numeric measurable goal(s)) | | | | | |
| 3.2.2.2(b)(ii) | Distribution of Educational Materials Through ADOT's Stormwater Webpage | | | | | |
| | Number of hits on webpage | | | | | |
| | (Other numeric measurable goal(s)) | | | | | |
| 3.2.2.3(b) | Record and Consider Public Comments | | | | | |
| | Number of public comments received | | | | | |
| | (Other numeric measurable goal(s)) | | | | | |
| 3.2.2.3(c) | Implement a Public Reporting System | | | | | |
| | Number of reports received from public | | | | | |
| | Number of reports investigated | | | | | |
| | (Other numeric measurable goal(s)) | | | | | |
| 3.2.2.3(d) | Develop a Stormwater Component of the Adopt-a-Highway Litter Initiative | | | | | |
| | Number of volunteer groups participating | | | | | |
| | Number of miles cleaned | | | | | |
| | Amount of trash collected | | | | | |
| | (Other numeric measurable goal(s)) | | | | | |
| 3.2.2.3(e) | Continue Implementation of Litter Hotline | | | | | |
| | Number of calls received | | | | | |
| | (Other numeric measurable goal(s)) | | | | | |

| Section Number | Stormwater BMP or Activity | Annual Reporting Year (July 1 – June 30) | | | | |
|--|--|--|-----------|-----------|-----------|-----------|
| | | 2008-2009 | 2009-2010 | 2010-2011 | 2011-2012 | 2012-2013 |
| ILLICIT DISCHARGE/ILLEGAL DUMPING DETECTION AND ELIMINATION MEASURES | | | | | | |
| 3.2.3.1(a) | Maintain Illicit Discharge Authority | | | | | |
| | (Numeric measurable goal(s)) | | | | | |
| 3.2.3.1(b) | Enforce Standard Encroachment Permit | | | | | |
| | Number of enforcement actions | | | | | |
| | (Other Numeric measurable goal(s)) | | | | | |
| 3.2.3.1(d) | Implement Non-Stormwater BMPs | | | | | |
| | (Numeric measurable goal(s)) | | | | | |
| 3.2.3.2(d) | Inspect Outfalls for Dry Weather Discharges | | | | | |
| | Number of major outfalls inspected | | | | | |
| | Number of 71 identified major outfalls inspected | | | | | |
| | Number of priority outfalls inspected | | | | | |
| | Number of storm drain cross connection detected | | | | | |
| | Number of illicit discharges detected | | | | | |
| | Number of other dry weather flows detected | | | | | |
| | (Other numeric measurable goal(s)) | | | | | |
| 3.2.3.3(b) | Investigate Illicit Discharges (Source Identification) | | | | | |
| | Number of storm drain cross connection investigated | | | | | |
| | Number of illicit discharges investigated | | | | | |
| | Number of other dry weather flows investigated | | | | | |
| | (Other numeric measurable goal(s)) | | | | | |
| 3.2.3.3(c) | Respond to Complaints | | | | | |
| | Number of complaints received | | | | | |
| | Number of complaints responded to | | | | | |
| | Average response time (in days) | | | | | |
| | (Other numeric measurable goal(s)) | | | | | |
| 3.2.3.3(d) | Report Incidental Dry Weather Discharges | | | | | |
| | Number of discharges reported to ADEQ | | | | | |
| | (Other numeric measurable goal(s)) | | | | | |

| Section Number | Stormwater BMP or Activity | Annual Reporting Year (July 1 – June 30) | | | | |
|--|--|--|-----------|-----------|-----------|-----------|
| | | 2008-2009 | 2009-2010 | 2010-2011 | 2011-2012 | 2012-2013 |
| 3.2.3.4(a) | Take Action to Eliminate Existing Dry Weather Flows | | | | | |
| | Number of existing dry weather discharges eliminated | | | | | |
| | (Other numeric measurable goal(s)) | | | | | |
| 3.2.3.4(b) | Take Action to Eliminate Sources of Illicit Discharges | | | | | |
| | Number of storm drain cross connection eliminated | | | | | |
| | Number of illicit discharges eliminated | | | | | |
| | Number of dry weather discharges eliminated | | | | | |
| | (Other numeric measurable goal(s)) | | | | | |
| 3.2.3.4(c) | Coordinate with Local Jurisdictions for Complaint Response and Investigation | | | | | |
| | Number of illicit discharges reported to other jurisdictions for follow-up | | | | | |
| | (Other numeric measurable goal(s)) | | | | | |
| 3.2.3.5 | Responding to Spills | | | | | |
| | Number of highway accident spills responded to | | | | | |
| | Number of highway accident spills prioritized (potential for discharge) | | | | | |
| | (Other numeric measurable goal(s)) | | | | | |
| MEASURES TO CONTROL DISCHARGES FROM NEW DEVELOPMENT AND REDEVELOPMENT | | | | | | |
| 3.2.5.2 | Install Post-Construction Stormwater Control BMPs | | | | | |
| | Number of new post-construction stormwater control BMPs installed | | | | | |
| | (Other numeric measurable goal(s)) | | | | | |
| MEASURES TO CONTROL DISCHARGES FROM ROADWAYS | | | | | | |
| 3.2.6.1(b) | Inspect Storm Sewer System | | | | | |
| | Number of inspections performed | | | | | |
| | (Other numeric measurable goal(s)) | | | | | |
| 3.2.6.1(c) | Develop Maintenance Schedules and Priorities | | | | | |
| | (Numeric measurable goal(s)) | | | | | |

| Section Number | Stormwater BMP or Activity | Annual Reporting Year (July 1 – June 30) | | | | |
|--|--|--|-----------|-----------|-----------|-----------|
| | | 2008-2009 | 2009-2010 | 2010-2011 | 2011-2012 | 2012-2013 |
| 3.2.6.1(d) | Perform Repair, Maintenance, and Cleaning | | | | | |
| | Number of miles of roadways repaired/maintained | | | | | |
| | Number of inlets cleaned | | | | | |
| | Number of drain inlets containing significant materials | | | | | |
| | (Other numeric measurable goal(s)) | | | | | |
| 3.2.6.2(c)(ii) | Require Certification/License | | | | | |
| | Number of licensed ADOT applicators | | | | | |
| 3.2.6.2(d) | Stabilize Roadway Slopes (attach summary of tracking & prioritization) | | | | | |
| | Acres of roadway slopes stabilized | | | | | |
| MEASURES TO CONTROL DISCHARGES FROM ADOT MAINTENANCE FACILITIES | | | | | | |
| 4.1.5.3 | Stencil Drain Inlets at ADOT Facilities | | | | | |
| | Number of new catch basins installed | | | | | |
| | Number of catch basins marked or stenciled | | | | | |
| | (Other numeric measurable goal(s)) | | | | | |

Part 5: Evaluation of the Statewide Stormwater Management Program

In accordance with Section 3.1.5 of the permit, provide an evaluation of the progress and success of the SSWMP each year, including an assessment of the effectiveness of stormwater management practices in reducing the discharge of pollutants to and from the municipal storm sewer system.

Part 6: Statewide Stormwater Management Program Modifications

In accordance with Section 3.1.6 of the permit, provide a description of modifications to the SSWMP each year as follows:

1. Addition of New BMPs: Summarize the development and implementation of any new stormwater management practices or pollution controls each year.
2. Adding Temporary or Experimental BMPs: Describe the initiation and cessation of such BMPs and the perceived success of the temporary or experimental stormwater control.
3. Increase of Existing BMPs: Summarize modifications to existing stormwater management practices that increase the number of activities, increase the frequency of activities, or other increases in the level of implementation.
4. Replacement of Existing BMPs: Describe modifications to replace an ineffective stormwater management practice with an alternate practice by demonstrating that the change will continue to achieve an equivalent reduction in pollutants and will not cause or contribute to a violation of any applicable water quality standard. Include the following information:
 - a. A description of the practice, activity, or control that has been eliminated;
 - b. An explanation of why the original practice, activity, or control was ineffective;
 - c. An analysis of how the replacement practice is expected to achieve the goals of the practice which was replaced; and
 - d. An explanation of how the stormwater management program will continue to achieve a reduction in pollutants, to the maximum extent practicable, with the replacement of the original practice, activity, or control.

Note: Modifications to reduce the number of stormwater management practices or activities, frequencies, time frames, level of implementation, or any other measure of the permit requires permit modification. (Refer to Section 3.1.6.5 of the permit).

Part 7: MS4 Monitoring Locations

Provide a brief description of each stormwater monitoring location (outfall), including the following information:

1. The outfall identification number or name;
2. Address or physical location of the site, including the latitude and longitude of the outfall;
3. Size of outfall's drainage area;
4. Land use(s) with an estimated percentage of each use;
5. Name and description of the receiving water; and
6. Type of monitoring equipment used.

Note: After initial approval by ADEQ, modifications to monitoring locations shall not be implemented without permit modification.

Part 8: Storm Event Records (MS4)

For each MS4 outfall monitoring location, provide a summary of all subsequent representative storm events necessary to collect at least one representative stormwater sample (greater than 0.1 inch rainfall) occurring within the reporting period, including the date of each event, the amount of precipitation (inches) for each event, and whether a sample was collected, or if not collected, information on the conditions that prevented sampling. The following table is an example of the storm event data to be provided:

| | Date | Outfall 1 | Rainfall (inches) | Outfall 2 | Rainfall (inches) | Outfall 3 | Rainfall (inches) | Outfall 4 | Rainfall (inches) | Outfall 5 | Rainfall (inches) |
|-------------------------------------|---------|--------------|----------------------|--------------|----------------------|--------------|----------------------|--------------|----------------------|--------------|----------------------|
| Summer (June 1 – Oct. 31) | 7/08/08 | NR | 0.08 | SC | 0.22 | NF | 0.15 | AC | 0.54 | IS | 0.18 |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| Winter (Nov. 1 – May 31) | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

KEY:

- AC Adverse Conditions (Note: If unable to collect stormwater samples due to adverse climatic conditions, attach a description of the conditions that prevented sampling. Adverse climatic conditions which may prevent the collection of samples include weather conditions that create dangerous conditions for personnel, such as local flooding, high winds, electrical storms, etc.).
- IS Insufficient Sample (for analysis)
- IF Insufficient Flow (for sample collection)
- NF No Flow
- NR Not Representative (storm event of less than 0.1 inches)
- SC Sample Collected

Part 9: Summary of MS4 Monitoring Data (By Location)

Use a separate table for each outfall monitoring location. Provide the outfall identification number, the receiving water, designated uses, and the lowest surface water quality standards applicable to the receiving water. Enter the analytical results for the stormwater samples collected for each season of the reporting period for each year. Enter subsequent monitoring data for each location on the same form. Include, as an attachment, the laboratory reports for stormwater samples.

| | | | | | | | | | | | |
|--|------------|---|----------------|-------------------|----------------|-------------------|----------------|-------------------|----------------|-------------------|----------------|
| OUTFALL ID: RECEIVING WATER: DESIGNATED USES: | | MONITORING SEASONS Summer: June 1 – October 31 Winter: November 1 – May 31 | | | | | | | | | |
| | | Winter 2008-09 | Summer 2009 | Winter 2009-10 | Summer 2010 | Winter 2010-11 | Summer 2011 | Winter 2011-12 | Summer 2012 | Winter 2012-13 | Summer 2013 |
| | | | | | | | | | | | |
| SAMPLING DATE ¹: | | | | | | | | | | | |
| MONITORING PARAMETERS ² | WQS | | | | | | | | | | |
| Flow ³ | | | | | | | | | | | |
| pH | | | | | | | | | | | |
| Temperature (°C) | | | | | | | | | | | |
| Hardness | | | | | | | | | | | |
| Specific conductance | | | | | | | | | | | |
| Total Dissolved Solids (TDS) (mg/L) | | | | | | | | | | | |
| Total Suspended Solids (TSS) (mg/L) | | | | | | | | | | | |
| Turbidity | | | | | | | | | | | |
| Biochemical Oxygen Demand (BOD) (mg/L) | | | | | | | | | | | |
| Chemical Oxygen Demand (COD) (mg/L) | | | | | | | | | | | |
| Surfactants | | | | | | | | | | | |
| Inorganics | | | | | | | | | | | |
| Cyanide, total (µg/L) | | | | | | | | | | | |
| Sulfates | | | | | | | | | | | |

| | | | | | | | | | | | |
|--|------------|---|----------------|-------------------|----------------|-------------------|----------------|-------------------|----------------|-------------------|----------------|
| OUTFALL ID: RECEIVING WATER: DESIGNATED USES: | | MONITORING SEASONS Summer: June 1 – October 31 Winter: November 1 – May 31 | | | | | | | | | |
| | | Winter 2008-09 | Summer 2009 | Winter 2009-10 | Summer 2010 | Winter 2010-11 | Summer 2011 | Winter 2011-12 | Summer 2012 | Winter 2012-13 | Summer 2013 |
| | | | | | | | | | | | |
| SAMPLING DATE ¹: | | | | | | | | | | | |
| MONITORING PARAMETERS ² | WQS | | | | | | | | | | |
| Nutrients (mg/L) | | | | | | | | | | | |
| Nitrite (NO ₂ -N) | | | | | | | | | | | |
| Nitrate (NO ₃ -N) | | | | | | | | | | | |
| Ammonia as N | | | | | | | | | | | |
| Total Kjeldahl Nitrogen (TKN) | | | | | | | | | | | |
| Total Phosphorus | | | | | | | | | | | |
| Ortho-P | | | | | | | | | | | |
| Sodium | | | | | | | | | | | |
| Calcium | | | | | | | | | | | |
| Chloride | | | | | | | | | | | |
| Microbiological | | | | | | | | | | | |
| <i>Escherichia coli</i> (<i>E. coli</i>) (CFU/100 mg or MPN) | | | | | | | | | | | |
| Fecal Coliform | | | | | | | | | | | |
| Total Metals (µg/L) ⁴ | | | | | | | | | | | |
| Antimony | | | | | | | | | | | |
| Arsenic | | | | | | | | | | | |
| Barium | | | | | | | | | | | |
| Beryllium | | | | | | | | | | | |
| Cadmium | | | | | | | | | | | |
| Chromium | | | | | | | | | | | |
| Copper | | | | | | | | | | | |

| | | | | | | | | | | | |
|--|------------|---|----------------|-------------------|----------------|-------------------|----------------|-------------------|----------------|-------------------|----------------|
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| | | Winter 2008-09 | Summer 2009 | Winter 2009-10 | Summer 2010 | Winter 2010-11 | Summer 2011 | Winter 2011-12 | Summer 2012 | Winter 2012-13 | Summer 2013 |
| | | | | | | | | | | | |
| SAMPLING DATE ¹: | | | | | | | | | | | |
| MONITORING PARAMETERS ² | WQS | | | | | | | | | | |
| Lead | | | | | | | | | | | |
| Mercury | | | | | | | | | | | |
| Nickel | | | | | | | | | | | |
| Selenium | | | | | | | | | | | |
| Silver | | | | | | | | | | | |
| Zinc | | | | | | | | | | | |
| Organic Toxic Pollutants | | | | | | | | | | | |
| Total Petroleum Hydrocarbons (TPH) (mg/L) | | | | | | | | | | | |
| Total Oil and Grease (mg/L) | | | | | | | | | | | |
| Chlorine | | | | | | | | | | | |
| VOCs, Semi-VOCs, and Pesticides (µg/L) | | | | | | | | | | | |
| Benzene | | | | | | | | | | | |
| Ethylbenzene | | | | | | | | | | | |
| Toluene | | | | | | | | | | | |
| Total xylene ² | | | | | | | | | | | |
| Acid Compounds (µg/L) | | | | | | | | | | | |
| 2-chlorophenol | | | | | | | | | | | |
| 2,4-dichlorophenol | | | | | | | | | | | |
| 2,4-dimethylphenol | | | | | | | | | | | |
| 4,6-dinitro-o-cresol | | | | | | | | | | | |
| 2,4-dinitrophenol | | | | | | | | | | | |

| | | | | | | | | | | | |
|--|------------|---|----------------|-------------------|----------------|-------------------|----------------|-------------------|----------------|-------------------|----------------|
| OUTFALL ID: RECEIVING WATER: DESIGNATED USES: | | MONITORING SEASONS Summer: June 1 – October 31 Winter: November 1 – May 31 | | | | | | | | | |
| | | Winter 2008-09 | Summer 2009 | Winter 2009-10 | Summer 2010 | Winter 2010-11 | Summer 2011 | Winter 2011-12 | Summer 2012 | Winter 2012-13 | Summer 2013 |
| | | | | | | | | | | | |
| SAMPLING DATE ¹: | | | | | | | | | | | |
| MONITORING PARAMETERS ² | WQS | | | | | | | | | | |
| 2-nitrophenol | | | | | | | | | | | |
| 4-nitrophenol | | | | | | | | | | | |
| p-chloro-m-cresol | | | | | | | | | | | |
| Pentachlorophenol | | | | | | | | | | | |
| Phenol | | | | | | | | | | | |
| 2,4,6-trichlorophenol | | | | | | | | | | | |
| Bases/Neutrals (µg/L) | | | | | | | | | | | |
| Acenaphthene (PAH) | | | | | | | | | | | |
| Acenaphthylene (PAH) | | | | | | | | | | | |
| Anthracene (PAH) | | | | | | | | | | | |
| Benz(a)anthracene (PAH) | | | | | | | | | | | |
| Benzo(a)pyrene (PAH) | | | | | | | | | | | |
| Benzo(b)fluoranthene (PAH) | | | | | | | | | | | |
| Benzo(g,h,i)perylene (PAH) | | | | | | | | | | | |
| Benzo(k)fluoranthene (PAH) | | | | | | | | | | | |
| Chrysene * | | | | | | | | | | | |
| Dibenzo(a,h)anthracene (PAH) | | | | | | | | | | | |
| Diethyl phthalate | | | | | | | | | | | |
| Dimethyl phthalate | | | | | | | | | | | |
| Di-n-butyl phthalate | | | | | | | | | | | |
| Di-n-octyl phthalate | | | | | | | | | | | |
| 1,2-diphenylhydrazine (as azobenzene) | | | | | | | | | | | |

| | | | | | | | | | | | |
|--|------------|---|----------------|-------------------|----------------|-------------------|----------------|-------------------|----------------|-------------------|----------------|
| OUTFALL ID: RECEIVING WATER: DESIGNATED USES: | | MONITORING SEASONS Summer: June 1 – October 31 Winter: November 1 – May 31 | | | | | | | | | |
| | | Winter 2008-09 | Summer 2009 | Winter 2009-10 | Summer 2010 | Winter 2010-11 | Summer 2011 | Winter 2011-12 | Summer 2012 | Winter 2012-13 | Summer 2013 |
| | | | | | | | | | | | |
| SAMPLING DATE ¹: | | | | | | | | | | | |
| MONITORING PARAMETERS ² | WQS | | | | | | | | | | |
| Fluoranthene (PAH) | | | | | | | | | | | |
| Fluorene (PAH) | | | | | | | | | | | |
| Indeno(1,2,3-cd)pyrene (PAH) | | | | | | | | | | | |
| Naphthalene (PAH) | | | | | | | | | | | |
| Phenanthrene (PAH) | | | | | | | | | | | |
| Pyrene | | | | | | | | | | | |
| Pesticides (µg/L) | | | | | | | | | | | |
| Aldrin | | | | | | | | | | | |
| Alpha-BHC | | | | | | | | | | | |
| Beta-BHC | | | | | | | | | | | |
| Gamma-BHC | | | | | | | | | | | |
| Delta-BHC | | | | | | | | | | | |
| Chlordane | | | | | | | | | | | |
| 4,4'-DDT | | | | | | | | | | | |
| 4,4'-DDE | | | | | | | | | | | |
| 4,4'-DDD | | | | | | | | | | | |
| Dieldrin | | | | | | | | | | | |
| Alpha-endosulfan | | | | | | | | | | | |
| Beta-endosulfan | | | | | | | | | | | |
| Endosulfan sulfate | | | | | | | | | | | |
| Endrin | | | | | | | | | | | |
| Endrin aldehyde | | | | | | | | | | | |

| OUTFALL ID: RECEIVING WATER: DESIGNATED USES: | | MONITORING SEASONS Summer: June 1 – October 31 Winter: November 1 – May 31 | | | | | | | | | |
|---|-----|--|----------------|-------------------|----------------|-------------------|----------------|-------------------|----------------|-------------------|----------------|
| | | Winter 2008-09 | Summer 2009 | Winter 2009-10 | Summer 2010 | Winter 2010-11 | Summer 2011 | Winter 2011-12 | Summer 2012 | Winter 2012-13 | Summer 2013 |
| SAMPLING DATE ¹ : | | | | | | | | | | | |
| MONITORING PARAMETERS ² | WQS | | | | | | | | | | |
| Heptachlor | | | | | | | | | | | |
| Heptachlor epoxide | | | | | | | | | | | |
| Toxaphene | | | | | | | | | | | |

PAH = Polynuclear Aromatic Hydrocarbon

- 1 The sampling frequency for conventional parameters, cyanide, nutrients, *E. coli*, TPH, oil and grease, total phenols, and metals is once each season for each year in the permit term at each monitoring location (outfall). The sampling frequency for VOCs, semi-VOCs, and pesticides is once each season for permit years 1 and 3 at each monitoring location (outfall). However, ADOT shall continue to monitor for VOCs, semi-VOCs, and pesticides in subsequent years as necessary to sample each monitoring location (outfall) for at least two summer and two winter wet seasons during this permit term.
- 2 Analytical results shall be reported in the units specified for each category or parameter.
- 3 Report the average flow rate for the sampling period (no more than 3 hours).
- 4 Metals shall be analyzed for total metals. (a 1:1 ratio of total to dissolved is assumed).

Part 10: Summary of Industrial and Construction Monitoring Data

Provide a summary of monitoring performed at industrial and construction sites as required in the permit.

Describe any adverse conditions that prevented sampling stormwater discharges (Section 8.3.3).

Where facility outfalls are essentially identical, justify the sampling of only one outfall (Section 8.5.2.2).

Part 11: Assessment of Monitoring Data

- A. Stormwater Quality: Provide an evaluation of the sampling results for each outfall monitoring location, including an assessment of any trends, improvements, or degradation of stormwater quality from each drainage area. Discuss possible explanations for stormwater quality trends, including the implementation of stormwater management practices to reduce the discharge of pollutants to and from the storm sewer system.
- B. Water Quality Standards (WQS): Compare the sampling results for each outfall monitoring location with the applicable surface water quality standards for the receiving water. Provide an assessment of stormwater quality relative to water quality standards, including the progress towards reducing the discharge of pollutants to the maximum extent practicable and protecting receiving water quality.
- C. Exceeding a WQS: Describe any exceedance of a surface water quality standard during the reporting year, including, at a minimum, the following information:
 - 1. Sampling date;
 - 2. Monitoring location (outfall identification number);
 - 3. Receiving water and water quality standard which was exceeded;
 - 4. Outfall monitoring results (laboratory reports);
 - 5. A description of the circumstances that may have caused or contributed to the exceedance of an applicable water quality standard;
 - 6. Proposed revisions to the stormwater management program consisting of additional and/or revised management practices or pollution controls to prevent the discharge from causing or contributing to an exceedance of a water quality standard in the future; and
 - 7. A schedule for implementing the proposed stormwater or non-stormwater management practices or pollution controls.
- D. Total Maximum Daily Loads: Assess the effectiveness of BMPs in meeting wasteload allocations or load allocations associated with any TMDL established for any receiving water.

Part 12: Assessment of Pollutant Loadings

In accordance with Section 8.7.7 of the permit, provide an estimate of the pollutant loadings each year from the storm sewer system to waters of the U.S. for each constituent detected by stormwater monitoring within the permit term. Include an estimate of the event mean concentration of each pollutant for a representative storm event each year. Provide the seasonal (winter and summer) and annual (total) pollutant loadings. Pollutant loadings and event mean concentrations may be estimated from sampling data collected at the representative monitoring locations, taking into consideration land uses and drainage areas for the outfall. Include a description of the procedures for estimating pollutant loads and concentrations, including any modeling, data analysis, and calculation methods. Compare the pollutant loadings estimated each year to previous estimates of pollutant loadings to identify trends in stormwater quality.

Part 13: Annual Expenditures

Provide a summary of the expenditures incurred each reporting period (July 1-June 30) to implement and maintain the stormwater management program, including associated monitoring and reporting activities. Provide the estimated budget for implementing and maintaining the stormwater program in the subsequent reporting period. Include a brief description of the funding sources used to support program expenditures.

Part 14: Attachments

Attach a copy of each of the following documents or include the required summary, as appropriate. This information may be included either as a separate volume to the Annual Report, or as an appendix to the same volume as the Annual Report.

Every Year:

- ☐ If ADOT adds a new material source during a year (i.e., a written request for approval was submitted at least 60 days prior to discharge and ADOT received ADEQ approval); include the new material source in all subsequent Annual Reports (Section 6.5.1.2(b))
- ☐ Laboratory reports for stormwater monitoring performed in the reporting period
- ☐ Summarize erosion abatement projects conducted during the year
- ☐ Summary of enforcement actions related to stormwater or illicit discharges
- ☐ New or revised permits or policies associated with stormwater management
- ☐ Annual comprehensive site compliance evaluations for the following facilities: Grand Canyon Airport; Durango Sign Factory; Groups A, B and C material source sites within ¼ mile of unique or impaired water (Section 6.8.5.4)
- ☐ Provide a confirmation statement that the ADOT Phoenix Administrative Headquarters Print Shop no exposure conditions continue to be valid
- ☐ Inventory of Group A, B, and C sites and progress made to complete final stabilization at all sites where activities have permanently ceased (Section 6.8.4.1(f)(ii and iii))

Year 1 (due September 30, 2009):

- ☐ Submit a proposal including a schedule to identify all outfalls in the Phase II municipalities and all Priority Outfalls statewide. The submittal shall identify areas prioritized for completion within this permit term. (Section 3.2.3.2(a))
- ☐ Describe the tracking system used for erosion abatement projects that prioritizes timely stabilization and repairs conducted during the year. (Section 3.2.6.2(d))
- ☐ A statement documenting that any areas found to have contaminants that could contribute to stormwater discharges have been remediated at the Wickenburg Maintenance Yard. These areas must include, but not necessarily be limited to the docking facility area, the oil storage shed, and the abandoned vehicle wash area. ADOT shall include results of these investigations and any corrective actions (Section 4.4.3)
- ☐ List all abandoned material source sites (unreclaimed sites where final stabilization was never completed) statewide, accompanied by a four year schedule to reclaim or utilize all Group B sites statewide (Section 6.8.4.1(f)(ii))

Year 2 (due September 30, 2010):

- ☐ Attach final inventory of post-construction stormwater BMPs statewide. (Section 3.2.6.1(a))